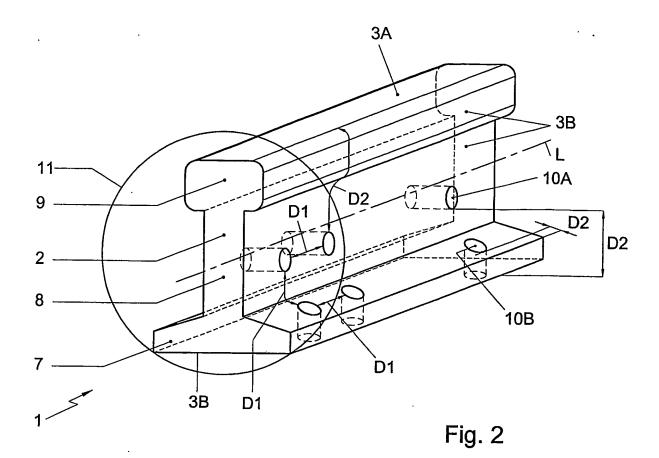
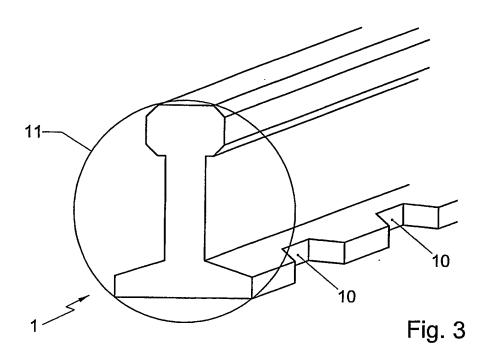


Fig. 1





UIC60 rail, Freight wheels (smooth) 100 km/h

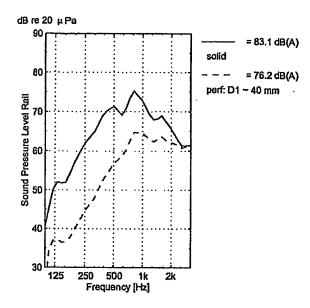


Fig. 4A

UIC60 rail, Freight wheels (rough) 100 km/h

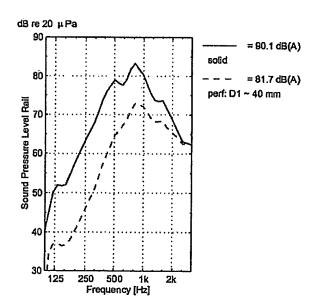


Fig. 4C

UIC60 rail, Freight wheels (smooth) 50 km/h

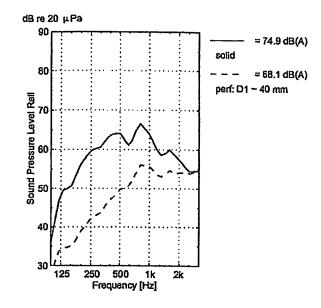


Fig. 4B

UIC60 rail, Freight wheels (rough) 50 km/h

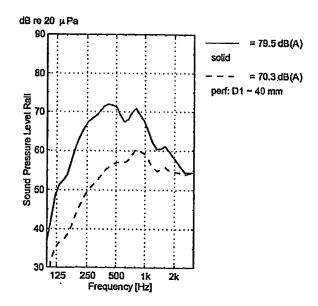


Fig. 4D